

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

5. At that time, I was employed by Rational Software Corporation of Cupertino, California. Rational Software Corporation sells software life-cycle tools that assist in

product development and management programs for software systems as well as a wide variety of other programs involving system modeling processes. I was employed by Rational Software Corporation as a Tool Systems Engineer in Lexington, Massachusetts from about March 1998 through April 1999. At Rational Software Corporation I was involved with implementing software license enforcement features using, in part, the programming language C++. My work at Rational Software Corporation did not relate to movies, advertisements, image processing systems or the design of database systems.

6. Prior to working at Rational Software Corporation, I was employed by Quadris Corporation of Wellesley, Massachusetts from about February 1997 to about February 1998. At Quadris Corporation I provided consulting services for a financial systems relational database for Fidelity Corporation.

7. Prior to working at Quadris Corporation, I was employed by Powersoft Corporation of Concord, Massachusetts from about April 1995 - February 1997. At Powersoft Corporation I developed software tools that permitted customers to write applications using the Powerbuilder database access language software.

8. I have continuously and diligently developed the invention in the United States as claimed in the above referenced patent application from December 1998 through at least July 28, 2000. The system was originally called "E-Cast" and the tables attached hereto as Appendix B show the names and latest modification dates of some of the archived files and documents relating to the first proposals for the system that were created in early 1999.

9. The tables attached hereto as Appendix C show the names and latest modification dates of some of the archived files and documents relating to software used in the process of presenting content to the theatre screens that is disclosed, at least in part, on Page 17, lines 9-14 and shown in Figure 3 of the above reference patent application.

10. The tables attached hereto as Appendix D show the names and latest modification dates of some of the archived files and documents, created in 1999, relating to server-side architecture that is disclosed, at least in part, on Page 24, line 6 through Page 25, line 4 and shown in Figure 6 of the above referenced patent application.

11. The tables attached hereto as Appendix E show the names and latest modification dates of some of the archived files and documents, created in 1999, relating to the presentation that is disclosed, at least in part, on Page 10, lines 12-16 of the above referenced patent application.

12. The tables attached hereto as Appendix F show the names and latest modification dates of some of the archive files and documents, created at the end of 1999, along with snap-shot pictures of the resulting screen images that are disclosed, at least in part, on Page 10, lines 12-16 and shown in Figure 1 of the above referenced patent application.

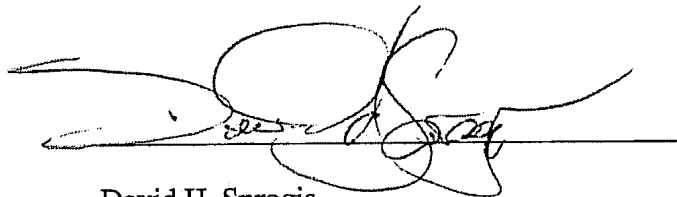
13. On or about January 1, 2000, CineCast began using the Perforce Software Configuration Management System software sold by Perforce of Alameda, California to track changes to the software as it was being developed from January 2000 forward. This

software management system is still being used today. Attached as Appendix G is a revision control change log for the software that shows changes to the program from January 24, 2000 through November 29, 2000.

14. On March 17, 2000 the system first became operational and was shown at the General Cinemas in Framingham, Massachusetts. New England Cable Network (NECN) News ran a video news piece on General Cinemas and the CineCast system at the time of the release. With reference to Appendix H, a copy of the video news piece is available at the CineCast website under Press (<http://www.cinecast.com/press/htm>).

15. I acknowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001, and that such willful false statements and the like may jeopardize the validity of the application or document or any registration resulting therefrom, and I further declare that all statements made of my knowledge are true and that all statements made on information and belief are believed to be true.

Date: September 30, 2008

A handwritten signature in black ink, appearing to read 'David H. Sprogis', is written over a horizontal line.

David H. Sprogis

36 Chester Street
Watertown, MA 02472

EXHIBIT A

SER. NO. 10/643,122

State of Delaware
Office of the Secretary of State PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "CINECAST LLC" IS DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE THIRTY-FIRST DAY OF AUGUST, A.D. 1999.



A handwritten signature in cursive script, reading "Edward J. Freel", is written over a horizontal line.

Edward J. Freel, Secretary of State

3041182 8300

991364198

AUTHENTICATION: 9948707

DATE: 08-31-99

EXHIBIT B

SER. NO. 10/643,122

EXHIBIT B

Directory of F:\CineCast\1999-0-1*

1/25/1999	10:22	982,528	E-Cast proposal 7.doc
1/25/1999	9:18	41,472	Loews Opportunity.xls
1,173,676 bytes in 4 files and 1 dir			1,179,648 bytes allocated

Directory of F:\CineCast\1999-0-1\proposal*

1/13/1999	21:46	37,376	E-Cast proposal 2.doc
1/16/1999	17:33	187,392	E-Cast proposal 3.doc
1/08/1999	11:59	23,040	E-Cast proposal.doc
247,808 bytes in 3 files and 0 dirs			253,952 bytes allocated

Directory of F:\CineCast\1999-0-4\CINECA-2\CineCast\WITHRU-1\Archive\E-CAST-1\DAVE'S-1\E-Cast\WITHRU-1*

2/02/1999	19:23	3,758,592	E-Cast Proposal 1.doc
2/03/1999	20:34	1,097,728	E-Cast Proposal 2.doc
2/03/1999	22:55	4,529,664	E-Cast Proposal 3.doc
2/04/1999	21:59	1,025,536	E-Cast Proposal 4.doc
2/05/1999	22:36	1,018,368	E-Cast Proposal 5.doc
2/06/1999	11:28	1,019,904	E-Cast Proposal 6.doc
2/06/1999	14:15	4,319,232	E-Cast Proposal 7.doc
2/06/1999	14:58	2,307,584	E-Cast Proposal 8.doc
2/06/1999	15:39	2,917,376	E-Cast Proposal 9.doc
2/06/1999	16:07	2,926,592	E-Cast Proposal A.doc
2/06/1999	16:23	868,352	E-Cast Proposal B.doc
2/06/1999	18:29	3,165,184	E-Cast Proposal C.doc
2/06/1999	18:30	2,194,432	E-Cast Proposal D.doc
2/07/1999	13:08	3,376,640	E-Cast Proposal E.doc
2/07/1999	13:34	2,565,632	E-Cast Proposal F.doc
2/07/1999	13:56	1,258,496	E-Cast Proposal G.doc
38,349,312 bytes in 17 files and 0 dirs			38,375,424 bytes allocated

EXHIBIT C

SER. NO. 10/643,122

EXHIBIT C

Directory of F:\CineCast\1999-0~2\Ecast*

1/27/1999	11:13	16,896	Ecast.exe
1/27/1999	11:13	787	Ecast.vbp
1/27/1999	11:13	52	Ecast.vbw
1/27/1999	11:13	7,762	FormMain.frm
1/26/1999	16:16	190	MSSCCPRJ.SCC
25,687 bytes in 6 files and 1 dir			40,960 bytes allocated

Directory of F:\CineCast\1999-0~4\CINECA-2\CineCast\DEMOSA-1\VBECAS-1*

1/27/1999	11:13	16,896	Ecast.exe
1/28/1999	20:19	787	Ecast.vbp
2/17/1999	21:45	52	Ecast.vbw
1/28/1999	20:19	7,567	FormMain.frm
1/28/1999	20:10	393	FormMain.log
1/26/1999	16:16	190	MSSCCPRJ.SCC
1/28/1999	20:19	7,762	VB9.tmp
33,647 bytes in 8 files and 3 dirs			53,248 bytes allocated

Directory of F:\CineCast\191FD4~1\CINECA-1\MYDOCU-1\DEMOSA-1\VBPROJ-1\CINECA-1*

4/11/1999	21:22	24,576	CineCast Browser.exe
4/11/1999	21:22	2,025	dlgChannelSelect.frm
4/11/1999	21:22	130	dlgChannelSelect.frx
1/27/1999	11:13	16,896	Ecast.exe
4/11/1999	21:23	866	Ecast.vbp
4/11/1999	21:23	115	Ecast.vbw
4/11/1999	21:22	3,822	FormMain.frm
1/28/1999	20:10	393	FormMain.log
1/26/1999	16:16	190	MSSCCPRJ.SCC
1/28/1999	20:19	7,762	VB9.tmp
56,775 bytes in 11 files and 1 dir			81,920 bytes allocated

Directory of F:\CineCast\1999-0~4\CINECA-2\CineCast\ARTICL-1\ARTICL-1\WEBAND-1*

2/22/1999	18:04	41,984	Angles of View.doc
2/22/1999	17:51	39,424	BARCO MILESTONES.doc
2/22/1999	18:10	66,048	Buyers Guide to Projectors.doc
2/22/1999	18:28	84,992	Development and Expansion of LCD Applications.doc
2/22/1999	18:11	37,376	DLP Analysis.doc
2/22/1999	18:21	29,184	Expanding LCD Market.doc
2/22/1999	16:52	181,248	Internet History 3 (Med+pix).doc
2/22/1999	17:10	48,128	Internet History 4 (short bullets).doc
2/22/1999	17:15	58,368	Internet History 5 (short bullets).doc
2/22/1999	17:39	109,568	Internet History 6 (short para).doc
2/22/1999	18:12	34,304	Is Brighter Better.doc
2/22/1999	18:01	33,280	LCD history.doc
2/22/1999	18:00	31,744	LCD Projects Compared.doc
2/22/1999	16:18	219,648	Long Internet History.doc
2/22/1999	16:15	45,568	The History of the Internet.doc
1,060,864 bytes in 16 files and 0 dirs			1,097,728 bytes allocated

Directory of

F:\CineCast\191FD4~1\CINECA~1\MYDOCU~1\DEMOSA~1\VBPROJ~1\RTFX\RTFEDI~1*

4/11/1999	10:52	1,481	Form1.frm
4/11/1999	10:52	225	Form1.frx
4/11/1999	10:52	343	MSSCCPRJ.SCC
4/11/1999	10:52	674	Project1.vbp
4/11/1999	10:54	52	Project1.vbw
4/10/1999	19:16	763	RichText.vbp
4/10/1999	19:49	43	RichText.vbw
4/10/1999	19:16	1,523	RTF1.ct1
4/10/1999	19:48	1,147,138	test.rtf
4/10/1999	19:50	1,147,129	test2.rtf
4/10/1999	19:50	0	VB21B6.TMP
4/10/1999	19:46	0	VBE270.TMP
2,299,371 bytes in 13 files and 0 dirs			2,334,720 bytes allocated

EXHIBIT D

SER. NO. 10/643,122

EXHIBIT D

```
Directory of F:\CineCast\1999-1-1\BUSINE-1\PRESEN-1\*

10/06/1999  8:45          20,480 CineCast Demo Segements.doc
 6/25/1999  7:12          35,840 CineCast Development.doc
10/11/1999 13:44          29,184 CineCast Executive Summary.doc
 8/31/1999  5:26          240,128 CineCast Plan Digital Projection - Sept 1.ppt
11/09/1999 10:17          645,120 CineCast Plan Doyle and IAB.ppt
11/09/1999  9:44       3,347,968 CineCast Plan GCX - Nov 10.ppt
10/12/1999  5:08       3,297,280 CineCast Plan GCX - Oct 13.ppt
10/11/1999  9:42       4,353,536 CineCast Plan GCX-pre-presentation.ppt
11/09/1999 10:16          403,968 CineCast Plan IMax - DP.ppt
 9/20/1999 11:21       6,866,432 CineCast Plan PWC.ppt
10/11/1999 14:19          20,480 CineCast Professional Services.doc
10/11/1999 13:50          22,016 CineCast Professional Summary.doc
10/11/1999 14:13          21,504 CineCast Supporting Sources.doc
10/05/1999  8:57          19,456 Demo Content.doc
 2/09/1999  4:12          26,112 Mall Proposal 2.doc
 5/11/1999 18:56          56,320 mkt1 from Steve.ppt
 2/07/1999 11:11          38,912 Pilot 1.xls
 4/26/1999 19:31          38,400 Plan.doc
19,483,136 bytes in 19 files and 5 dirs 19,513,344 bytes allocated
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Directory of F:\CineCast\1999-1-1\Inetpub\wwwroot\STARTI-1\INTERF-1\ADVERT-1\*

 9/25/1999 11:42           989 home.htm
 9/25/1999 12:17          1,100 home.php3
 9/25/1999  7:58          1,591 home.php3.bak
 9/25/1999 12:01          1,312 logout.php3
 9/25/1999 12:18          2,806 project.php3
 7,798 bytes in 6 files and 0 dirs 20,480 bytes allocated
```

EXHIBIT E

SER. NO. 10/643,122

EXHIBIT E

Directory of F:\CineCast\1999-0-2\Ecast\ad content*

1/26/1999	16:32	9,808	bahago.gif
1/26/1999	19:58	1,925	Base.swf
1/26/1999	21:21	805	bus schedule.htm
1/26/1999	19:53	81,231	chase.swf
1/26/1999	16:33	12,241	commglobe.gif
1/26/1999	19:11	89,708	db07.swf
1/26/1999	18:56	37,719	dir.dir
1/26/1999	19:58	6,206	Enter.swf
1/26/1999	19:58	909	flashFile.htm
1/26/1999	18:55	6,209	fla_plyr_tester.swf
1/11/1999	16:57	9,924	HDWM0014_LG.gif
1/26/1999	19:59	111,191	hiller environment.swf
1/26/1999	20:00	42,394	hiller leading.swf
1/26/1999	20:00	238,126	hiller projects.swf
1/26/1999	19:59	29,273	Home.swf
1/26/1999	19:58	74,611	Icons.swf
1/26/1999	20:13	131,832	mondays.swf
1/26/1999	21:27	1,225	news.txt
1/26/1999	20:58	1,026	occcolor.class
1/26/1999	20:58	1,012	ocfontc.class
1/26/1999	20:58	990	preskey.class
1/26/1999	19:59	28,507	Shared.swf
1/26/1999	19:58	83,012	Teaser.swf
1/26/1999	20:58	11,896	vsb.class
1/26/1999	20:58	1,909	vsbread.class
1,013,689 bytes in 25 files and 0 dirs			1,073,152 bytes allocated

Directory of F:\CineCast\191FD4-1\CINECA-1\MYDOCU-1\DEMOSA-1\VISUAL-1\Project1*

4/10/1999	15:53	2,877	Applet1.class
4/10/1999	15:52	3,125	Applet1.java
4/10/1999	15:52	55	codebase.dat
4/10/1999	15:52	408	Page1.htm
4/10/1999	15:53	513	Project1.sln
4/10/1999	15:53	4,608	Project1.suo
4/10/1999	15:53	3,640	Project1.vjp
15,226 bytes in 8 files and 0 dirs			32,768 bytes allocated

Directory of F:\CineCast\1999-0-4\CINECA-2\CineCast\DEMOSA-1\Content*

2/23/1999	21:43	18,851	1958rolls.gif
1/17/1999	14:23	11,323	bmw - kid.gif
1/17/1999	13:05	3,981	Bullock.jpg
1/17/1999	13:07	186	Bullock.txt
1/17/1999	15:30	2,662	ecast.gif
2/23/1999	22:05	7,082	ektaprol.jpg
1/17/1999	14:28	14,446	fleetfaxservice.gif
1/17/1999	13:09	6,190	gdml.db.htm
2/23/1999	21:31	16,826	golden_gate3d1.jpg
2/23/1999	21:46	41,004	half60rr.gif
2/23/1999	21:32	23,882	inside2.jpg
1/17/1999	14:26	13,489	land rover.gif
2/23/1999	21:51	47,798	logo(2).gif
2/23/1999	22:30	46,792	mrlimo-2.jpg
2/23/1999	22:31	46,768	mrlimo-3.jpg
2/23/1999	21:55	66,453	mrlimo.jpg
1/17/1999	14:43	7,980	patriots.jpg
1/17/1999	13:45	6,825	Prince Edward.jpg
2/23/1999	22:05	24,863	proj.gif
2/23/1999	22:29	20,483	proj2.gif
1/17/1999	14:47	11,878	red socks.bmp
1/17/1999	13:09	78,246	star trek.bmp
1/17/1999	14:23	8,505	victory2.gif
1/17/1999	14:24	7,593	victorygroup.html

534,106 bytes in 25 files and 0 dirs 585,728 bytes allocated

Directory of F:\CineCast\191FD4-1\CINECA-1\DEMOCO-1\StarWars*

5/15/1999	11:24	878	Banner Bottom.htm
5/15/1999	11:45	878	Banner Top.htm
5/15/1999	10:04	170	Center.htm
5/15/1999	12:13	906	MainFrame.htm
5/15/1999	12:27	5,466	NewsColumn.htm
5/15/1999	12:26	309	NewsColumnTitle.htm
5/15/1999	10:15	174	Right.htm

8,781 bytes in 7 files and 2 dirs 32,768 bytes allocated

Directory of F:\CineCast\191FD4-1\CINECA-1\DEMOCO-1\StarWars\images*

5/15/1999	11:40	5,000	Amidala.jpg
5/15/1999	11:40	2,962	people at the movies.gif
5/15/1999	11:40	4,774	StarWars banner.gif
5/15/1999	11:40	8,677	Young Darth.jpg

21,413 bytes in 4 files and 2 dirs 32,768 bytes allocated

Directory of F:\CineCast\191FD4-1\CINECA-1\DEMOCO-1\StarWars\images\Banner Ads*

5/15/1999	11:40	9,808	bahago.gif
5/15/1999	11:40	11,323	bmw - kid.gif
5/15/1999	11:40	12,241	commglobe.gif
5/15/1999	11:40	12,225	ebay39.gif
5/15/1999	11:40	14,446	fleetfaxservice.gif
5/15/1999	11:40	9,924	HDWM0014_LG.gif
5/15/1999	11:40	13,332	kronosbanner2.gif
5/15/1999	11:40	13,489	land rover.gif
5/15/1999	11:40	15,350	marriott.gif
5/15/1999	11:40	8,381	newbrit2.gif
5/15/1999	11:40	12,573	oneworld3.gif
5/15/1999	11:40	15,534	sunban2.gif
5/15/1999	11:40	10,196	travnew.gif
5/15/1999	11:40	6,922	WPIfeb99.gif

165,744 bytes in 14 files and 1 dir 192,512 bytes allocated

Directory of F:\CineCast\191FD4-1\CINECA-1\DEMOCO-1\StarWars\images\Banner Ads_vti_cnf*

5/15/1999	11:40	438	bahago.gif
5/15/1999	11:40	417	bmw - kid.gif
5/15/1999	11:40	417	commglobe.gif

5/15/1999	11:40	417	ebay39.gif
5/15/1999	11:40	417	fleetfaxservice.gif
5/15/1999	11:40	416	HDWM0014_LG.gif
5/15/1999	11:40	417	kronosbanner2.gif
5/15/1999	11:40	417	land rover.gif
5/15/1999	11:40	417	marriott.gif
5/15/1999	11:40	416	newbrit2.gif
5/15/1999	11:40	417	oneworld3.gif
5/15/1999	11:40	417	sunban2.gif
5/15/1999	11:40	417	travnew.gif
5/15/1999	11:40	416	WPIfeb99.gif
5,856 bytes in 14 files and 0 dirs			57,344 bytes allocated

Directory of F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\StarWars\images_vti_cnf*

5/15/1999	12:30	506	Amidala.jpg
5/15/1999	12:26	510	people at the movies.gif
5/15/1999	12:30	505	StarWars banner.gif
5/15/1999	12:30	506	Young Darth.jpg
2,027 bytes in 4 files and 0 dirs			16,384 bytes allocated

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Directory of F:\CineCast\191FD4-1\CINECA-1\DEMOCO-1\Titanic\*

5/15/1999 11:46      878 Banner Bottom.htm
5/15/1999 11:46      878 Banner Top.htm
5/15/1999 14:30    1,504 Center.htm
5/15/1999 12:53      939 MainFrame.htm
5/15/1999 12:30      280 NewsColumn.htm
5/15/1999 12:24      320 NewsColumnTitle.htm
5/15/1999 11:46      174 Right.htm
      4,973 bytes in 7 files and 2 dirs      28,672 bytes allocated

Directory of F:\CineCast\191FD4-1\CINECA-1\DEMOCO-1\Titanic\images\*

5/15/1999 12:19      2,962 people at the movies.gif
      2,962 bytes in 1 file and 3 dirs      4,096 bytes allocated

Directory of F:\CineCast\191FD4-1\CINECA-1\DEMOCO-1\Titanic\images\Banner Ads\*

5/15/1999 11:41      9,808 bahago.gif
5/15/1999 11:41     11,323 bmw - kid.gif
5/15/1999 11:41     12,241 commglobe.gif
5/15/1999 11:41     12,225 ebay39.gif
5/15/1999 11:41     14,446 fleetfaxservice.gif
5/15/1999 11:41      9,924 HDWM0014_LG.gif
5/15/1999 11:41     13,332 kronosbanner2.gif
5/15/1999 11:41     13,489 land rover.gif
5/15/1999 11:41     15,350 marriott.gif
5/15/1999 11:41      8,381 newbrit2.gif
5/15/1999 11:41     12,573 oneworld3.gif
5/15/1999 11:41     15,534 sunban2.gif
5/15/1999 11:41     10,196 travnew.gif
5/15/1999 11:41      6,922 WPIfeb99.gif
      165,744 bytes in 14 files and 1 dir      192,512 bytes allocated

Directory of F:\CineCast\191FD4-1\CINECA-1\DEMOCO-1\Titanic\images\Banner
Ads\_vti_cnf\*

5/15/1999 11:41      438 bahago.gif
5/15/1999 11:41      417 bmw - kid.gif
5/15/1999 11:41      417 commglobe.gif
5/15/1999 11:41      417 ebay39.gif
5/15/1999 11:41      417 fleetfaxservice.gif
5/15/1999 11:41      416 HDWM0014_LG.gif
5/15/1999 11:41      417 kronosbanner2.gif
5/15/1999 11:41      417 land rover.gif
5/15/1999 11:41      417 marriott.gif
5/15/1999 11:41      416 newbrit2.gif
5/15/1999 11:41      417 oneworld3.gif
5/15/1999 11:41      417 sunban2.gif
5/15/1999 11:41      417 travnew.gif
5/15/1999 11:41      416 WPIfeb99.gif
      5,856 bytes in 14 files and 0 dirs      57,344 bytes allocated

Directory of F:\CineCast\191FD4-1\CINECA-1\DEMOCO-1\Titanic\images\Cassatt\*

5/15/1999 11:41     22,548 balcony.jpg
5/15/1999 11:41     25,568 banjo.jpg
5/15/1999 11:41     19,956 bath.jpg
5/15/1999 11:41     20,843 bullfighter.jpg
5/15/1999 11:41     33,792 Cassatt.doc
5/15/1999 11:41     18,778 cassatt.jpg
5/15/1999 11:41      5,216 cassattlogo.gif
5/15/1999 11:41      3,272 cassattlogo2.gif
5/15/1999 11:41     19,039 children.jpg
5/15/1999 11:41     24,749 fireside.jpg
5/15/1999 11:41     28,300 fruit.jpg
5/15/1999 11:41     30,459 garden.jpg
5/15/1999 11:41     24,927 girl.jpg
5/15/1999 11:41     16,873 intheloge.jpg
5/15/1999 11:41     19,918 kitchen.jpg
5/15/1999 11:41     26,257 letter.jpg

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5/15/1999 11:41      1,818  mfalogo.gif
5/15/1999 11:41      2,281  mfalogo2.gif
5/15/1999 11:41      4,295  mfa_logo_bottom.gif
5/15/1999 11:41      1,080  mfa_logo_top.gif
5/15/1999 11:41     25,581  mother2.jpg
5/15/1999 11:41     22,448  motherandchild.jpg
5/15/1999 11:41     24,906  tea2.jpg
5/15/1999 11:41     18,551  whitecoat.jpg
5/15/1999 11:41     18,580  womaninaloge.jpg
      460,035 bytes in 25 files and 1 dir      520,192 bytes allocated

```

Directory of

F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\Titanic\images\Cassatt_vti_cnf*

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5/15/1999 11:41      417  balcony.jpg
5/15/1999 11:41      417  banjo.jpg
5/15/1999 11:41      417  bath.jpg
5/15/1999 11:41      417  bullfighter.jpg
5/15/1999 11:41      523  Cassatt.doc
5/15/1999 11:41      417  cassatt.jpg
5/15/1999 11:41      416  cassattlogo.gif
5/15/1999 11:41      416  cassattlogo2.gif
5/15/1999 11:41      417  children.jpg
5/15/1999 11:41      417  fireside.jpg
5/15/1999 11:41      417  fruit.jpg
5/15/1999 11:41      417  garden.jpg
5/15/1999 11:41      417  girl.jpg
5/15/1999 12:37      417  intheloge.jpg
5/15/1999 11:41      417  kitchen.jpg
5/15/1999 11:41      417  letter.jpg
5/15/1999 11:41      416  mfalogo.gif
5/15/1999 11:41      416  mfalogo2.gif
5/15/1999 11:41      416  mfa_logo_bottom.gif
5/15/1999 11:41      416  mfa_logo_top.gif
5/15/1999 11:41      417  mother2.jpg
5/15/1999 11:41      417  motherandchild.jpg
5/15/1999 11:41      417  tea2.jpg
5/15/1999 11:41      417  whitecoat.jpg
5/15/1999 11:41      417  womaninaloge.jpg
      10,525 bytes in 25 files and 0 dirs      102,400 bytes allocated

```

Directory of F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1\Titanic_derived*

```

5/15/1999 11:46      3,254  MainFrame.htm_cmp_global100_bnr.gif
      3,254 bytes in 1 file and 0 dirs      4,096 bytes allocated

```

Directory of F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1_borders*

```

5/14/1999 20:03      463  left.htm
5/14/1999 20:03      701  top.htm
      1,164 bytes in 2 files and 0 dirs      8,192 bytes allocated

```

Directory of F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1_derived*

```

5/14/1999 20:08      365  home_cmp_global100_hbtn.gif
      365 bytes in 1 file and 1 dir      4,096 bytes allocated

```

Directory of F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1_derived_vti_cnf*

```

5/14/1999 20:08      314  home_cmp_global100_hbtn.gif
      314 bytes in 1 file and 0 dirs      4,096 bytes allocated

```

Directory of F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1_fpclass*

```

5/14/1999 20:08     11,684  fphover.class
5/14/1999 20:08      2,041  fphoverx.class
      13,725 bytes in 2 files and 0 dirs     16,384 bytes allocated

```

Directory of F:\CineCast\191FD4~1\CINECA~1\DEMOCO~1_overlay*

```

5/14/1999 20:08      105  home_nav_global000_hbtn.gif

```

```

105 bytes in 1 file and 0 dirs    4,096 bytes allocated

Directory of  F:\CineCast\191FD4-1\CINECA-1\DEMOCO-1\_private\*

3/27/1999  15:43                369  #haccess.ctl
369 bytes in 1 file and 0 dirs    4,096 bytes allocated

Directory of  F:\CineCast\191FD4-1\CINECA-1\DEMOCO-1\_themes\*

5/14/1999  20:08                2,236  themes.inf
2,236 bytes in 1 file and 1 dir    4,096 bytes allocated

Directory of  F:\CineCast\191FD4-1\CINECA-1\DEMOCO-1\_themes\global\*

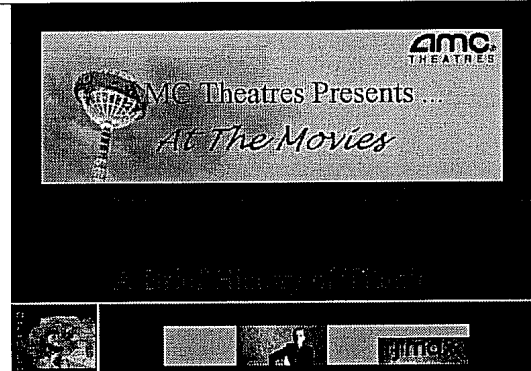
5/14/1999  20:08                519  color0.css
5/14/1999  20:08                537  color1.css
5/14/1999  20:08                 89  global.inf
5/14/1999  20:08                 89  global.utf8
5/14/1999  20:08            8,937  globanna.gif
5/14/1999  20:08           2,906  globannd.gif
5/14/1999  20:08                 96  globulla.gif
5/14/1999  20:08                 92  globul1d.gif
5/14/1999  20:08                 67  globul2a.gif
5/14/1999  20:08                 64  globul2d.gif
5/14/1999  20:08                 65  globul3a.gif
5/14/1999  20:08                 63  globul3d.gif
5/14/1999  20:08            118  gloglob.gif
5/14/1999  20:08            546  glohbuda.gif
5/14/1999  20:08            297  glohbudd.gif
5/14/1999  20:08            819  glohbuha.gif
5/14/1999  20:08            890  glohbusa.gif
5/14/1999  20:08            587  glohbusd.gif
5/14/1999  20:08            266  glohombd.gif
5/14/1999  20:08            261  glohomda.gif
5/14/1999  20:08            259  glohomha.gif
5/14/1999  20:08            267  glohomsa.gif
5/14/1999  20:08            146  glohorsa.gif
5/14/1999  20:08            139  glohorsd.gif
5/14/1999  20:08            334  glonexbd.gif
5/14/1999  20:08            324  glonexda.gif
5/14/1999  20:08            323  glonexha.gif
5/14/1999  20:08            328  glonexsa.gif
5/14/1999  20:08            328  gloprebd.gif
5/14/1999  20:08            319  glopreda.gif
5/14/1999  20:08            317  glopreha.gif
5/14/1999  20:08            321  glopresa.gif
5/14/1999  20:08            181  glotextb.gif
5/14/1999  20:08            330  gloupbd.gif
5/14/1999  20:08            322  gloupda.gif
5/14/1999  20:08            319  gloupha.gif
5/14/1999  20:08            322  gloupsa.gif
5/14/1999  20:08            546  glovbuda.gif
5/14/1999  20:08            297  glovbudd.gif
5/14/1999  20:08            819  glovbuha.gif
5/14/1999  20:08            893  glovbusa.gif
5/14/1999  20:08            576  glovbusd.gif
5/14/1999  20:08           1,539  graph0.css
5/14/1999  20:08           1,979  graph1.css
5/14/1999  20:08                651  theme.css
29,487 bytes in 45 files and 0 dirs    192,512 bytes allocated

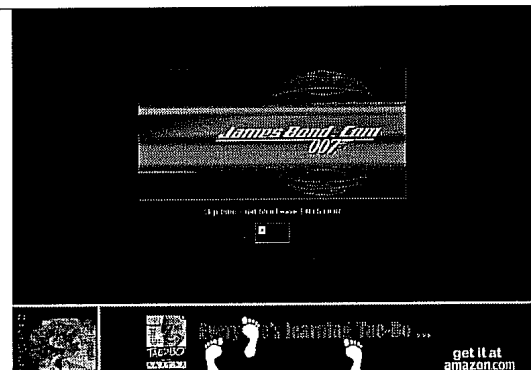
```

EXHIBIT F

SER. NO. 10/643,122

EXHIBIT F

	<pre> Directory of F:\CineCast\1999-12 CD\Inetpub\wwwroot\starting_point\cinecast in the theater\titanic_amc* 12/06/1999 10:13 1,434 ad.htm 12/06/1999 10:13 1,270 Default.htm 12/08/1999 7:31 23,713 feature.htm 12/06/1999 10:13 198 info.htm 12/07/1999 13:53 542 main.htm 12/06/1999 10:13 4,212 sponsor.htm 12/06/1999 10:13 1,270 Volume.htm 32,639 bytes in 8 files and 5 dirs 131,072 bytes allocated </pre>
--	--

	<pre> Directory of F:\CineCast\1999-12 CD \Inetpub\wwwroot\starting_point\cinecast in the theater\bond_amc* 12/14/1999 17:37 1,434 ad.htm 12/14/1999 17:37 1,270 Default.htm 12/14/1999 17:43 18,545 feature2.htm 12/14/1999 17:37 198 info.htm 12/14/1999 18:16 70,473 intro_flash.swf 12/14/1999 18:25 4,070 main.htm 12/14/1999 18:26 539 main2.htm 12/14/1999 17:37 4,212 sponsor.htm 12/14/1999 17:37 1,270 Volume.htm 102,011 bytes in 10 files and 5 dirs 229,376 bytes allocated </pre>
---	---

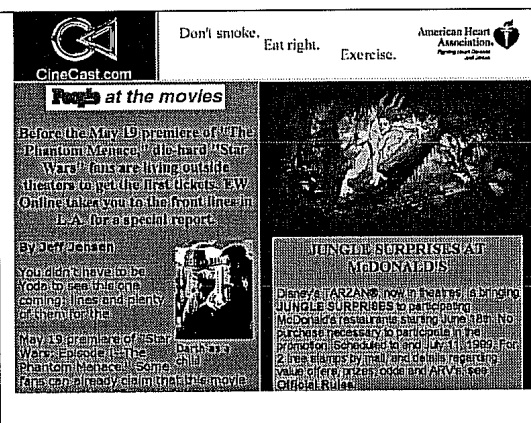
	<pre> Directory of F:\CineCast\1999-12 CD \Inetpub\wwwroot\starting_point\cinecast in the theater\tarzan* 7/07/1999 16:43 1,349 banner1.htm 10/01/1999 14:32 457 bottom_frame.htm 10/01/1999 14:32 645 bottom_left.htm 10/01/1999 14:32 1,565 bottom_right.htm 7/07/1999 16:51 645 cinecast.htm 11/13/2002 18:23 0 jnk.txt 10/01/1999 14:32 404 main_frame.htm 10/01/1999 14:32 5,522 newscolumn.htm 10/01/1999 14:32 262 newscolumntitle.htm 7/07/1999 15:44 268,600 tarzan.swf 7/07/1999 10:40 177,693 tarzan_main.swf 10/01/1999 14:32 446 top_frame.htm 457,588 bytes in 12 files and 0 dirs 606,208 bytes allocated </pre>
--	--

EXHIBIT G

SER. NO. 10/643,122

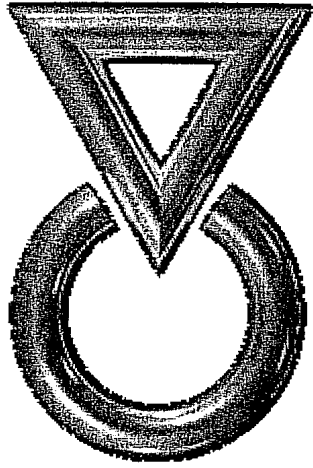
Change 1 on 2000/01/24 by dzhme@cc_dzehme 'ERD version 1 '
Change 2 on 2000/01/24 by dzhme@cc_dzehme 'ERD CC_2 '
Change 3 on 2000/01/24 by dzhme@cc_dzehme 'ERD CC_3 '
Change 4 on 2000/01/24 by dzhme@cc_dzehme 'ERD CC_4 '
Change 5 on 2000/01/24 by dzhme@cc_dzehme 'ERD CC_5 '
Change 6 on 2000/01/24 by dzhme@cc_dzehme 'ERD CC_6 '
Change 7 on 2000/01/24 by dzhme@cc_dzehme 'ERD CC_7 '
Change 8 on 2000/01/24 by dzhme@cc_dzehme 'ERD CC_8 '
Change 9 on 2000/01/24 by dzhme@cc_dzehme 'ERD CC_9 '
Change 10 on 2000/01/24 by dzhme@cc_dzehme 'ERD CC_9 (WMF) '
Change 11 on 2000/01/24 by dzhme@cc_dzehme 'ERD CC_10 '
Change 12 on 2000/01/24 by dzhme@cc_dzehme 'ERD CC_11 '
Change 13 on 2000/01/24 by dzhme@cc_dzehme 'ERD CC_12 '
Change 14 on 2000/01/24 by dzhme@cc_dzehme 'ERD CC_11 (SQL) '
Change 15 on 2000/01/24 by dzhme@cc_dzehme 'ERD CC_12 (SQL) '
Change 16 on 2000/01/24 by dzhme@cc_dzehme 'ERD changes '
Change 17 on 2000/01/24 by dzhme@cc_dzehme 'Countries and static data '
Change 18 on 2000/01/24 by dzhme@cc_dzehme 'First cut of web site '
Change 19 on 2000/01/31 by dzhme@cc_dzehme 'Initial web site '
Change 20 on 2000/01/31 by dzhme@cc_dzehme 'ERD changes '
Change 21 on 2000/01/31 by dzhme@cc_dzehme 'Initial version of enhanced cli '
Change 24 on 2000/02/01 by dzhme@cc_dzehme 'Changed to new timer object '
Change 39 on 2000/02/02 by dzhme@cc_dzehme 'Made changes to support content '
Change 40 on 2000/02/03 by dzhme@cc_dzehme 'Added support for waiting for m '
Change 41 on 2000/02/03 by dzhme@cc_dzehme 'Added new toolbar control '
Change 42 on 2000/02/07 by dzhme@cc_dzehme 'Added Open functionality Fixed '
Change 43 on 2000/02/07 by dzhme@cc_dzehme 'Cursor now moves to lower corne '
Change 44 on 2000/02/08 by dzhme@cc_dzehme 'Updated for VB 6.0 '
Change 45 on 2000/02/08 by dzhme@cc_dzehme 'Update for content development '
Change 46 on 2000/02/08 by dsprogis@CC_DSPROGIS 'Edited the OpenLog routine to h '
Change 47 on 2000/02/11 by dzhme@cc_dzehme 'Updated version information to '
Change 48 on 2000/02/17 by dzhme@cc_dzehme 'Created multi-threaded client '
Change 49 on 2000/02/17 by dzhme@cc_dzehme 'Added DoEvents to make communic '
Change 50 on 2000/02/17 by dzhme@cc_dzehme 'Introduced Content Creator Int '
Change 51 on 2000/02/19 by dsprogis@CC_DSPROGIS 'Dismiss PORT open error - still '
Change 52 on 2000/02/21 by dzhme@cc_dzehme 'Added new content wizard Added '
Change 53 on 2000/02/22 by dzhme@cc_dzehme 'Updated the packages Updated t '

Change 54 on 2000/02/23 by dzehme@cc_dzehme 'New Read Me '
Change 55 on 2000/02/23 by dzehme@cc_dzehme 'Created monitor program; Now ca'
Change 56 on 2000/02/24 by dzehme@cc_dzehme 'First cut of CineCast Daemon '
Change 57 on 2000/02/25 by dzehme@cc_dzehme 'Logging is now more comprehensi'
Change 58 on 2000/02/28 by dzehme@cc_dzehme 'Second pass at daemon. This ve'
Change 59 on 2000/02/28 by dzehme@cc_dzehme 'Initial version (with Daemon ar'
Change 61 on 2000/02/28 by dzehme@cc_dzehme 'Added projector control strings'
Change 62 on 2000/02/28 by dzehme@cc_dzehme 'Implemented forwarding of log f'
Change 63 on 2000/02/29 by dzehme@cc_dzehme 'Added missing file '
Change 64 on 2000/02/29 by dzehme@cc_dzehme 'Updated stock content '
Change 65 on 2000/02/29 by dzehme@cc_dzehme 'Read Me Update '
Change 66 on 2000/02/29 by dzehme@cc_dzehme 'Created StaticTable update util'
Change 68 on 2000/03/03 by dzehme@cc_dzehme 'Work towards thin-thread '
Change 72 on 2000/03/03 by dzehme@cc_dzehme 'Added uploading Added menus to'
Change 73 on 2000/03/03 by dzehme@cc_dzehme 'Added basic showings Fixed the'
Change 74 on 2000/03/03 by dzehme@cc_dzehme 'Fixed upload to upload to a rea'
Change 75 on 2000/03/06 by dzehme@cc_dzehme 'First version of Production dae'
Change 76 on 2000/03/07 by dzehme@cc_dzehme 'Content is now delivering '
Change 77 on 2000/03/07 by dzehme@cc_dzehme 'Changed the border style '
Change 78 on 2000/03/07 by dzehme@cc_dzehme 'Can now specify volume for musi'
Change 79 on 2000/03/07 by dzehme@cc_dzehme 'Updated schedule request with g'
Change 80 on 2000/03/08 by dzehme@cc_dzehme 'Added recent lists Added date/'
Change 81 on 2000/03/11 by dzehme@cc_dzehme 'handle timeouts of greater than'
Change 82 on 2000/03/12 by dzehme@cc_dzehme 'Projector control changes '
Change 83 on 2000/03/15 by dzehme@cc_dzehme 'Fixed bug with bad saved direct'
Change 84 on 2000/03/15 by dzehme@cc_dzehme 'Updated to reflect current stat'
Change 85 on 2000/03/20 by dzehme@cc_dzehme 'Lots of thin thread work includ'
Change 86 on 2000/03/20 by dzehme@cc_dzehme 'Missing thin thread file '
Change 87 on 2000/03/21 by dsprogis@cc_DSPROGIS 'Logging to CD bug fixed '
Change 88 on 2000/03/21 by dzehme@cc_dzehme 'Cleaned up name changes. Teste'
Change 90 on 2000/03/21 by dzehme@cc_dzehme 'Log files now renamed on exit '
Change 91 on 2000/03/23 by dzehme@cc_dzehme 'Player now has performance work'
Change 92 on 2000/03/23 by dzehme@cc_dzehme 'Added saved reports Fixed patr'
Change 93 on 2000/03/25 by dzehme@cc_dzehme 'Added printer friendly version '
Change 94 on 2000/04/17 by dzehme@cc_dzehme 'bandwidth requirements '
Change 96 on 2000/04/17 by dzehme@cc_dzehme 'Added check for safe mode '
Change 97 on 2000/04/17 by dzehme@cc_dzehme 'Forgot to update the project '

Change 98 on 2000/04/24 by dzhme@cc_dzhme 'Updated readme for CD '
Change 99 on 2000/05/01 by dzhme@cc_dzhme 'Updated formatting to support N'
Change 101 on 2000/05/19 by dzhme@cc_dzhme 'Corrected the way aggregates we'
Change 103 on 2000/05/19 by dzhme@cc_dzhme 'Added loop option. Added displ'
Change 105 on 2000/05/19 by dzhme@cc_dzhme 'Missing file.'
Change 111 on 2000/06/02 by dzhme@cc_dzhme 'Added player test plan. Fixed '
Change 112 on 2000/06/02 by dzhme@cc_dzhme 'Now checks serial port activati'
Change 114 on 2000/06/13 by dzhme@cc_dzhme 'Large amount of changes towards'
Change 119 on 2000/06/20 by dzhme@cc_dzhme 'Various changes for version 1.0'
Change 122 on 2000/07/05 by dzhme@cc_dzhme 'Version 1.0 changes '
Change 123 on 2000/07/05 by dzhme@cc_dzhme 'Added preprocessor to source tr'
Change 124 on 2000/07/05 by dzhme@cc_dzhme 'Messed up post-build step. '
Change 125 on 2000/07/05 by dzhme@cc_dzhme 'Added log.tmp reflection to pla'
Change 126 on 2000/07/06 by dzhme@cc_dzhme 'Version 1.0 changes '
Change 127 on 2000/07/16 by dzhme@cc_dzhme 'Lots of 1.0 changes. '
Change 128 on 2000/07/18 by dzhme@cc_dzhme 'Version 1.0 changes '
Change 129 on 2000/07/18 by dzhme@cc_dzhme 'Version 1.0 changes '
Change 130 on 2000/07/19 by dzhme@cc_dzhme 'Version 1.0 changes '
Change 131 on 2000/07/20 by dzhme@cc_dzhme 'Final version 1.0 changes '
Change 133 on 2000/07/25 by dzhme@cc_dzhme 'Fixed activation/black out time'
Change 135 on 2000/07/26 by dzhme@cc_dzhme 'Updated monitor to shutdown and'
Change 140 on 2000/09/11 by dzhme@cc_dzhme 'player - clearing autoloan on l'
Change 142 on 2000/09/20 by dzhme@cc_dzhme 'player - logReset is now record'
Change 146 on 2000/10/03 by dzhme@cc_dzhme 'daemon - fixes to file download'
Change 147 on 2000/10/05 by dzhme@cc_dzhme 'web site - disabled autocommit '
Change 149 on 2000/10/12 by dzhme@cc_dzhme 'database - corrected handling o'
Change 150 on 2000/10/15 by dzhme@cc_dzhme 'daemon - bad database specifica'
Change 151 on 2000/10/15 by dzhme@cc_dzhme 'web site - summary of active an'
Change 152 on 2000/10/26 by dzhme@cc_dzhme 'web site - use regional daemon '
Change 153 on 2000/11/03 by dzhme@cc_dzhme 'daemon - change the default tim'
Change 154 on 2000/11/03 by dzhme@cc_dzhme 'player - remove log.tmp process'
Change 155 on 2000/11/08 by dzhme@cc_dzhme 'daemon - fixed problem where pa'
Change 156 on 2000/11/14 by dzhme@cc_dzhme 'web site - show list should hav'
Change 160 on 2000/11/22 by dzhme@cc_dzhme 'web site - bug: weird long dela'
Change 161 on 2000/11/22 by dzhme@cc_dzhme 'Missing files '
Change 162 on 2000/11/28 by dzhme@cc_dzhme 'Database optimizations. '
Change 163 on 2000/11/29 by dzhme@cc_dzhme 'web site - can only set specifi'

EXHIBIT H

SER. NO. 10/643,122



CineCast™

*Bringing life to the pre-feature movie screen
through digital technology*

Home

Press

Demonstration

Press

17 Mar 2000

General Information

About us

webmaster@cinecast.com

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Patent Pending



The alpha version of the CineCast pre-show is running at the General Cinemas Framingham 16 Premium theater. NECN covered the opening of this new theater. This coverage includes the CineCast pre-show and comments from CineCast's Vice President, Jack Leonard. CineCast is featured from 2:15 through 2:35.

[NECN Framingham Premium Theater Video](#)